PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

69020-05P

HPLC Column, Phenyl Hydride, 4um, 4.6mm ID x 50mm Length, 100A, Cogent TYPE-C Brand. 1 EA.



Additional Info

Fast HILIC Performance with Aromatic Selectivity Using Phenyl Hydride™

The 69020 05P Phenyl Hydride™ HPLC Column is designed for laboratories requiring enhanced aromatic selectivity combined with rapid HILIC equilibration. Manufactured with Cogent TYPE C™ silica hydride technology, the Phenyl Hydride stationary phase delivers stable retention, excellent peak shape, and long column lifetime for compounds that are difficult to retain or resolve using conventional reversed phase approaches.

While Diamond Hydride™ and Phenyl Hydride™ columns both excel in HILIC mode, the Phenyl Hydride phase introduces phenyl based interactions that make it particularly effective for analytes containing aromatic or heteroaromatic functionality.

Why Choose Phenyl Hydride™ for HILIC Separations

The Phenyl Hydride stationary phase offers complementary selectivity to Diamond Hydride™:

Retains highly polar analytes under HILIC conditions

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